Safety Data Sheet

Issue date: 3/9/2015

Section 1: Product and Company Information

Product Identifier: ACS Excalibur Liquid Laundry Detergent

Product Code/SKU: 900906 / 900906-15 / 900906-55 / 900911

Recommended Use:

Restrictions on Use: Use only for purpose found on label.

Product Dilution Information Normal usage range 0.53% - 0.765%

Manufacturer: American Chemical Systems II, LLC

3505 W. 29th Street South Wichita, KS USA 67217

(800)889-3489

americanchemical systems.com

Emergency Telephone: Chemtrec 1-800-424-9300 USA and Canada

Chemtrec 1-703-527-3887 Outside USA and Canada

Section 2: Hazard Identification

| Product as Sold | Product at use | Dilution |
|-----------------|----------------|----------|
| | | |

GHS Classification: Harmful if swallowed Not classified

GHS Labeling Element

Signal Word: Warning

Symbol:

Storage:

No signal word No symbol

Hazard Statement: Harmful if swallowed No known significant effects or

hazards

Precautionary Statements:

Prevention: Wash hands with water after Wash hands with water after

handling handling

Response:

If in eye:

If swallowed: Rinse mouth, do not induce vomiting. Seek medical assistance if symptoms persist.

clothing.

Inhalation: Remove person to fresh air - administer

artificial respiration if not breathing. Flush continuously with water - remove

contacts and continue flushing with water.

Treatment: Seek medical assistance if symptoms persist. Keep product stored in original container, in

an upright position, with container tightly

closed.

Disposal: Dispose of contents/container according to Dispose of contents/container according to

 $local/regional\ regulations. \qquad \qquad local/regional\ regulations.$

Other Hazards: None known None known

Section 3: Composition/Information on Ingredients

Product as Sold Product at use Dilution

Substance/Mixture: Mixture

Chemical name Product Identifier %

Within the current knowledge of the

There are no additional ingredients present which, within the current knowledge of the manufacturer and in the concentrations applicable, are classified as hazardous to health or to the environment and hence require reporting in this section. Concentrations are given in a range as a claim for a trade secret is being made.

manufacturer and in the concentrations applicable, there are no hazardous ingredients that would require reporting.

Seek medical assistance if symptoms persist

or concerns are present.

Section 4: First Aid Measures

First Aid Measures: **Product as Sold Product at use Dilution** Never give anything by mouth to an General: Never give anything by mouth to an unconscious person. If you feel unwell, then unconscious person. If you feel unwell, seek medical assistance. then seek medical assistance. If swallowed: Rinse mouth, do not induce vomiting. Seek medical assistance if symptoms persist. If on skin: Wash with water, remove contaminated No known effect after skin contact. Rinse clothing. w/ water. Remove person to fresh air - administer Inhalation: No specific measures required. artificial respiration if not breathing. Flush continuously with water - remove No know effect with eye contact. Flush with If in eye: contacts and continue flushing with water. water. Seek medical assistance if symptoms persist. **Treatment:** Important Symptoms and Effects, both Acute and Delayed Effects of exposure may be delayed. Symptoms/Injuries: If swallowed: Ingestion may harmful. Seek medical assistance if symptoms persist. No known effects. Rinse with water. If on skin: Inhalation: No special measures required. Treat symptomatically.

rinsing. Recommendation:

Seek medical assistance if symptoms persist

Rinse with water. Remove contacts. Continue

or concerns are present.

First Aid Providers All first aid providers should receive proper training before performing any first aid act that would involve personal risk. Wash contaminated clothing with water thoroughly

before removal or wear gloves.

Section 5: Firefighting Measures

Suitable Fire Extinguishing

If in eye:

Media: No special media necessary. Use extinguishing media appropriate for surrounding fire.

Special Hazards: Product is non flammable and is not explosive.

Advice for Firefighters: Exercise caution when fighting any chemical fire. Use a water spray to cool containers. Do not enter fire area without proper protective equipment, including respiratory

protection.

Section 6: Accidental Release Measures

Personal Precautions: Initiate company's spill procedures. Do not walk through or touch spilled product. Do not

get on skin, in eyes, or on clothing. Put on appropriate personal protection equipment.

Environmental Precautions: Avoid runoff into public waterways, sewers, or onto soil.

Follow company's spill procedures. Put on appropriate protective clothing. Neutralize/ Methods for Clean Up:

absorb spilled product with inert material. Dispose of inert material by placing in suitable container. Dispose of waste safely. Rinse with water for a final clean up.

Section 7: Handling and Storage

Precautions for Safe

Handling: Do not get on skin, in eyes, or on clothing. Do not breathe vapor or mist. Do not handle

until all safety procedures have been read and understood. Wash hands and other

exposed areas with soap and water after handling.

Conditions for Safe Storage: Keep product in original container, in an upright position, with container tightly closed.

Keep out of reach of children.

Section 8: Exposure Controls/Personal Protection

Control parameters:

Ingredient Name Exposure Limits None

Product as Sold

Engineering Controls: Use adequate ventilation. Keep vapor/fumes

> below statutory limits. Provide availability to water to flush skin or eyes in case of

exposure.

Product at use Dilution

Normal ventilation should be adequate

to control vapor/fumes.

Personal Protection:

None needed under normal use conditions Hand protection: Eye protection: None needed under normal use conditions Skin protection: None needed under normal use conditions Respiratory protection: None needed under normal use conditions Wash hands, face, and arms after handling chemical products and before eating, drinking, General:

None needed under normal use conditions None needed under normal use conditions None needed under normal use conditions None needed under normal use conditions

or using restroom. Wash contaminated clothing before wearing again.

Section 9: Physical and Chemical Properties

Product as Sold

Physical state: Liquid Color: Blue Odor: Lemon pH: 8-9

Evaporation rate: No data available Melting point: No data available Freezing point: No data available **Boiling point:** No data available Flash point: No data available **Explosion limits:** No data available Flammability (solid/gas): No data available Vapor pressure: No data available Vapor density: No data available Relative density: >1 (water=1) Solubility: No data available **Decomposition temperature:** No data available

Product at use Dilution

Liquid Clear Lemon

Section 10: Stability and Reactivity

Reactivity: Product is not reactive

Chemical stability: Stable.

Hazardous Reactions: Hazardous polymerization will not occur under normal use conditions.

Conditions to Avoid: Direct sunlight. Extreme temperatures. Strong acids. Strong bases. Strong oxidizers. **Incompatible Materials:**

Hazardous Decomposition Under normal conditions of storage and use, hazardous decomposition products should

Products: not occur.

Section 11: Toxicological Information

Routes of Exposure: Ingestion. Skin contact. Inhalation. Eye contact.

Product as Sold Product at use Dilution

Ingestion may be harmful. No specific data Symptoms: Ingestion: Skin Contact: Adverse effects: irritation, redness No specific data Inhalation: Adverse effects: cough, respiratory irritation No specific data Adverse effects: redness, watering, irritation No specific data **Eve Contact:**

Acute Toxicity: Ingestion: Ingestion my be harmful

No known effects or critical hazards No known effects or critical hazards **Skin Contact:** No known effects or critical hazards Inhalation: No known effects or critical hazards No known effects or critical hazards **Eve Contact:** No known effects or critical hazards No known effects or critical hazards

Toxicity Data: No test data on this mixture.

Carcinogenicity: No known effects or critical hazards Reproductivity: No known effects or critical hazards

Section 12: Ecological Information

No test data on this mixture. Toxicity:

Persistence and degradability: Not established Bioaccumulative potential: Not established Mobility in Soil: Not established Other adverse effects: Not established

Section 13: Disposal Considerations

Product as Sold Product at use Dilution

Disposal methods: Dispose of waste in accordance with local, Diluted product may be drained to sanitary

regional, and national regulations sewer. Discard empty container into trash.

Section 14: Transport Information

In accordance with: ICAO/IATA/DOT/TDG

Product as Sold Product at use Dilution

DOT Classification: Not regulated Product not to be transported in this

DOT Shipping name: Not regulated manner

Class:

Packing Group:

Bulk Transport: See shipping documents for specific transportation information

Marine Pollutant: No

Section 15: Regulatory Information

US Federal Regulations:

TSCA 8(b) Inventory All components are listed or exempted SARA 304 No chemicals subject to reporting

SARA 311/312 Acute health hazard

SARA 302 No chemicals subject to reporting SARA 313 No chemicals subject to reporting

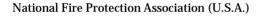
Section 16: Other Information

Product as Sold Product at use Dilution

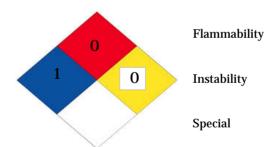
Hazardous Material Information System:

| Health | 1 |
|------------------|---|
| Flammability | 0 |
| Physical Hazards | 0 |
| | |









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